

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
22 April 2004 (22.04.2004)

PCT

(10) International Publication Number  
**WO 2004/034058 A1**

(51) International Patent Classification<sup>7</sup>: **G01N 33/52**,  
21/64, 33/02, 33/14

(74) Agent: WRAY & ASSOCIATES; Level 4, The Quadrant,  
1 William Street, Perth, Western Australia 6000 (AU).

(21) International Application Number:  
PCT/AU2003/001324

(81) Designated States (*national*): AE, AG, AI, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GH, GI, GM, GR, GU, HT, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 8 October 2003 (08.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2002951886 8 October 2002 (08.10.2002) AU

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): THE  
WESTERN AUSTRALIAN CENTRE FOR PATHOL-  
OGY AND MEDICAL RESEARCH [AU/AU]; Hospital  
Avenue, Nedlands, Western Australia 6009 (AU).

Published:

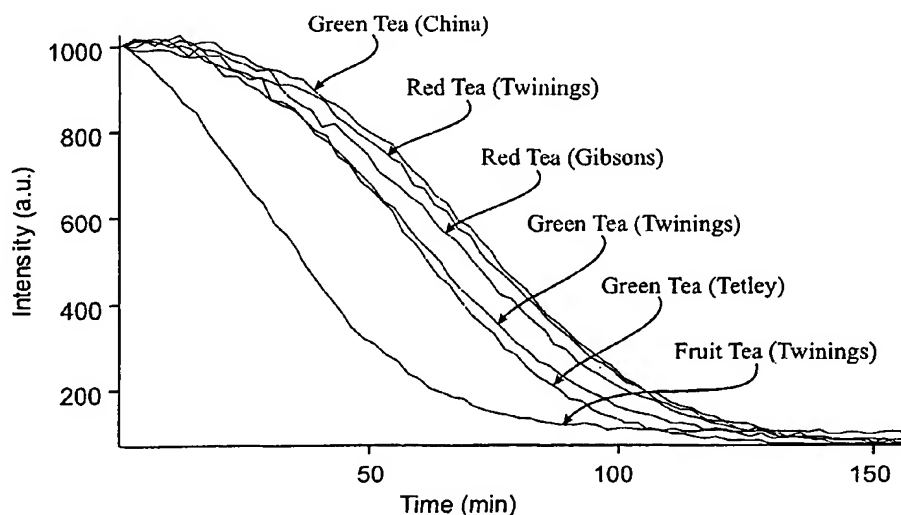
— with international search report

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): CHING, Simon, Yau,  
Leung [AU/AU]; 10 Ord Street, Nedlands, Western Aus-  
tralia 6009 (AU).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: A METHOD FOR MEASURING ANTIOXIDANT STATUS



(57) Abstract: A method of measuring antioxidant status and/or the capacity to moderate oxidative stress in a sample including the step of contacting the sample with at least a fluorescing porphyrin compound and kits for measurements thereof.